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DTIS 1522174 PTO 24 JAN 2005

Docket No. 264455US0PCT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Masanobu AWANO, et al.

SERIAL NO: New U.S. PCT Application Based on PCT/JP03/09743

GAU:

FILED: Herewith

EXAMINER:

FOR: CHEMICAL REACTION SYSTEM OF ELECTROCHEMICAL CELL TYPE, METHOD FOR ACTIVATION THEREOF AND METHOD FOR REACTION

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

## REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

## RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).


## CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

## DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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10/522174

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

264455US0PCT

SERIAL NO.  
New U.S. PCT Application  
Based on PCT/JP03/09743

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Masanobu AWANO, et al.

FILING DATE

Herewith

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	2001-293371	10/23/01	JP (with English abstract)		NO
	AP	2003-033646	02/04/03	JP (with English abstract)		NO
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	Kagaku Sosetsu No. 41, "Design of high function catalysts", Japan Chemical Society, pages 131-143 1999				
	AX	PANCHARATNAM, S. et al. "Catalytic Decomposition of Nitric Oxide on Zirconia by Electrolytic Removal of Oxygen", J. Electrochemical Soc., vol. 122, no. 7, pages 869-875 1975				
	AY	HIBINO, Takashi et al. "Medium-temperature Electrolysis of NO and CH4 under Lean-burn Conditions using Ytria-stabilized Zirconia as a Solid Electrolyte", J. Chem. Soc. Faraday Trans., vol. 91, no. 13, pages 1955-1959 1995				
	AZ	MIURA, K. et al. "Low-temperature conversion of NO to N2 by use of a novel Ni loaded porous carbon", Chemical Engineering Science, vol. 56, pages 1623-1629 2001				<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

New U.S. PCT Application Based on PCT/JP03/09743  
Docket No.: 264455US0PCT

STATEMENT OF RELEVANCY

- 1) Reference AO has been cited in the International Search Report. A copy of this reference is being submitted herewith only when not automatically provided by the International Searching Authority.
- 2) References \_\_\_\_\_ have been cited in the corresponding \_\_\_\_\_ Search Report. A copy of these references is being submitted herewith.
- 3) References AP, AW-AZ are discussed in the specification. A copy of these references is being submitted here with.
- 4) References \_\_\_\_\_ are additional prior art known to Applicant. A copy of these references is being submitted herewith.